

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>BET03P1247</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/IB2004/000002</b>	International filing date (day/month/year) <b>08/01/2004</b>	(Earliest) Priority Date (day/month/year) <b>13/01/2003</b>
Applicant  <b>ORGANISATION DE SYNTHÈSE MONDIALE ORSYMONDE</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

**4. With regard to the title,**

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

**METHOD FOR PREPARING METHYL 2-DIPHENYLMETHYLSULFINYLACETATE**

**5. With regard to the abstract,**

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

**6. With regards to the drawings,**

a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/000002

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C317/44 C 15/02 C07C323/52 C07C319/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, BEILSTEIN Data, EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 571 825 A (D.H. BOSCHELLI ET AL) 5 November 1996 (1996-11-05)  * column 6, lines 64-67 and column 7, lines 4-10; examples 1-2 * ---	1,17,18, 20,25, 27,31
Y	US 4 964 893 A (L.H. BRANNIGAN ET AL) 23 October 1990 (1990-10-23)  * column 21, methods "N", "O" and table I, compounds 45, 54, 61 * ---	1,17,18, 20,25, 27,31
Y	GB 1 584 462 A (LABORATOIRE L. LAFON) 11 February 1981 (1981-02-11)  * example 1a * --- -/--	1,17,18, 20,25, 27,31



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

25 May 2004

Date of mailing of the international search report

14/06/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Rufet, J

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/000002

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	N.T. FARINACCI ET AL: J. AM. CHEM. SOC., vol. 59, 1937, pages 2542-2546, XP002234650 * page 2546, column 2, lines 9-14 * ----	1-3,8,9
A	DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; retrieved from STN Database accession no. 1996:629856 XP002234652 abstract & JP 08 198843 A (FUJIREBIO KK) 6 August 1996 (1996-08-06) -----	1,2,14
A	I. SAIKAWA ET AL: CHEM. PHARM. BULL., vol. 33, no. 12, 1985, pages 5534-5538, XP002234651 * page 5535, table II, entry 1d * -----	1,2,14
A	H. LEHR ET AL: J. MED. CHEM., vol. 6, 1963, pages 136-141, XP001148333 * page 139, experimental, lines 11-25 * -----	1,2,14

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/000002

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5571825	A	05-11-1996	NONE	
US 4964893	A	23-10-1990	CN 87102879 A ,B US 5162537 A US 5321000 A	28-10-1987 10-11-1992 14-06-1994
GB 1584462	A	11-02-1981	BE 865468 A1 CA 1091679 A1 CH 628026 A5 DE 2809625 A1 DK 140878 A ,B, ES 468378 A1 FR 2385693 A1 IE 46566 B1 IT 1094041 B JP 1400453 C JP 53121724 A JP 62009103 B LU 79335 A1 LU 90153 A9 NL 7803432 A ,C US 4177290 A	02-10-1978 16-12-1980 15-02-1982 05-10-1978 01-10-1978 16-12-1978 27-10-1978 27-07-1983 26-07-1985 28-09-1987 24-10-1978 26-02-1987 28-09-1978 16-02-1998 03-10-1978 04-12-1979
JP 08198843	A	06-08-1996	JP 3233806 B2	04-12-2001